

FILE 'CAPLUS' ENTERED AT 13:36:13 ON 28 MAR 2006
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2006 AMERICAN CHEMICAL SOCIETY (ACS)

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications. The CA Lexicon is the copyrighted intellectual property of the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 28 Mar 2006 VOL 144 ISS 14
FILE LAST UPDATED: 27 Mar 2006 (20060327/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

<http://www.cas.org/infopolicy.html>

=> s geopolymers? and proppants?

363 GEOPOLYMER?

563 PROPPANT?

L1 1 GEOPOLYMER? AND PROPPANT?

=> d 11

L1 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2006 ACS on STN

AN 2005:394784 CAPLUS

DN 142:415839

TI Sol-gel prepared aluminosilicate or phosphate ceramics as spherical propping agents for hydraulic fracturing of oil/gas wells

IN Urbanek, Thomas W.

PA Global Synfrac Inc., Can.

SO U.S. Pat. Appl. Publ., 5 pp.

CODEN: USXXCO

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	US 2005096207	A1	20050505	US 2004-804868	20040319
	CA 2447928	AA	20050504	CA 2003-2447928	20031104
PRAI	CA 2003-2447928	A	20031104		

=> s proppant and aluminosilicate? and (sodium or potassium (silicate))

MISSING OPERATOR 'POTASSIUM (SILICATE)'

The search profile that was entered contains terms or nested terms that are not separated by a logical operator.

=> s proppant and aluminosilicate? and (sodium silicate or potassium silicate)

504 PROPPANT

41725 ALUMINOSILICATE?

1025998 SODIUM

185252 SILICATE

23386 SODIUM SILICATE

(SODIUM(W) SILICATE)

584610 POTASSIUM

185252 SILICATE

4441 POTASSIUM SILICATE

(POTASSIUM(W) SILICATE)

L2

0 PROPPANT AND ALUMINOSILICATE? AND (SODIUM SILICATE OR POTASSIUM
SILICATE)